

## Peak District National Park

Forecast valid from 06:00 on Friday 02 Sep 2022 until 23:59 on Saturday 03 Sep 2022

Forecast Issued on Friday 02 Sep 2022 at 03:53

**Confidence:** High confidence for the unsettled and breezy conditions over the weekend but low for the timing and distribution of any rain or showers.

**Headline for Friday 02 Sep 2022:** Dry and bright but rather cloudy.

### Mountain weather hazards on Friday 02 Sep 2022

**Blizzards**

No Likelihood

**Gales**

No Likelihood

**Thunderstorms**

No Likelihood

**Heavy persistent snow**

No Likelihood

**Severe chill effect**

No Likelihood

**Heavy persistent rain**

No Likelihood

**Storm force winds**

No Likelihood

**Poor visibility**

High Likelihood

**Strong sunlight**

No Likelihood

| Weather and chance of precipitation at 600m                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Time                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 06:00                                                                               | 09:00                                                                               | 12:00                                                                               | 15:00                                                                               | 18:00                                                                                 | 21:00                                                                                 |
|  |  |  |  |  |  |
| Cloudy                                                                              | Cloudy                                                                              | Cloudy                                                                              | Sunny intervals                                                                     | Partly cloudy (night)                                                                 | Cloudy                                                                                |
| Precipitation probability                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 10%                                                                                 | 10%                                                                                 | 20%                                                                                 | 10%                                                                                 | 10%                                                                                   | 20%                                                                                   |

### Forecast for Friday 02 Sep 2022

**Weather:** Mist and fog patches lifting quickly after sunrise, but with more cloud spreading across the sky from the south and perhaps the odd shower probable around lunchtime. Bright, rather cloudy but largely dry in the afternoon and evening.

**Chance of cloud-free hill tops above 600m:** 60% becoming 95% or more by mid-morning.

**Low cloud and visibility:** Moderate at low levels at first in any mist and shallow fog, but very poor along some eastern slopes due to low cloud, with bases as low as 300m. Cloud lifting above summits around mid-morning, the visibility becoming very good with excellent panoramic views and distant hills clearly visible.

## Forecast for Friday 02 Sep 2022

| Height (m)    | Wind Speed mean/gusts (mph) |         |         |         | Wind Direction (blowing from) |         |         |
|---------------|-----------------------------|---------|---------|---------|-------------------------------|---------|---------|
|               | 06:00                       | 09:00   | 12:00   | 15:00   | 18:00                         | 21:00   | 00:00   |
| <b>600</b>    | 11/17 E                     | 12/16 E | 12/17 E | 11/15 E | 10/17 E                       | 13/20 E | 13/20 E |
| <b>300</b>    | 8/13 NE                     | 11/16 E | 11/16 E | 10/15 E | 8/14 E                        | 11/20 E | 11/20 E |
| <b>Valley</b> | 13/22 E                     | 13/20 E | 10/17 E | 8/15 E  | 6/14 E                        | 11/21 E | 10/19 E |

| Height (m)             | Temperature / Feels Like (°C) |       |       |       |       |       |       |
|------------------------|-------------------------------|-------|-------|-------|-------|-------|-------|
|                        | 06:00                         | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| <b>600</b>             | 11/9                          | 12/10 | 15/12 | 16/14 | 16/14 | 14/12 | 14/12 |
| <b>300</b>             | 13/12                         | 16/14 | 18/16 | 19/17 | 19/18 | 16/15 | 16/14 |
| <b>Valley</b>          | 14/12                         | 16/14 | 19/17 | 20/19 | 19/18 | 17/15 | 16/15 |
| <b>Freezing Level*</b> | 2700m                         | 2600m | 2700m | 2800m | 2800m | 2900m | 2900m |

\*Level above which ground is expected to be frozen/snow is expected to settle.

### Meteorologist's View

Breezy and chilly at height, a warm layer is recommended.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at              | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|--------------------------|----------------|----------------|----------------|
| 02:00 on Fri 02 Sep 2022 | 0mm            | 0mm            | 0mm            |

## Forecast for Saturday 03 Sep 2022

**Weather:** Dry and bright but rather cloudy at first. The cloud will thicken during the afternoon, with showers and areas of more persistent rain spreading north. Some of the showers will be heavy and potentially thundery. Windy at height.

**Maximum wind:** Southeasterly 15mph with gusts 25mph.

**Chance of cloud-free hill tops above 600m:** 80% becoming 95% or more by mid-morning.

**Low cloud and visibility:** Moderate early morning, with patchy low cloud partially covering eastern slopes, cloud base as low as 350-400m. Becoming generally good as cloud lifts mid-morning but deteriorating in and around any showers during the afternoon.

**Temperature:** **Valleys:** Plus 14 becoming plus 21 Celsius.  
**At 600m:** Plus 11 becoming plus 17 Celsius.  
**Freezing level:** Above summits.